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ASTRACTS OF TOTAL

UNEXAMINED APPLICATIONS

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FIELD

THE PATENT OFFICE
JAPANESE GOVERNMENT

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54) CAPACITOR OF INTEGRATED CIRCUIT

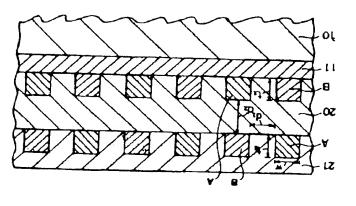
(43) 24.9.1992 (11) 4-268756 (A)

(72) HARUFUSA KONDO(1) (21) Appl. No. 3-29961 (22) 25.2.1991 (71) MITSUBISHI ELECTRIC CORP

51) Int. CI⁵. H01L27/04

PURPOSE: To enable a capacitor to be enhanced in capacitance by a method wherein one of a pair of opposed electrodes confronts the other electrode through the intermediary of a dielectric in an upper wiring layer, a lower wiring layer, and between the upper and the lower wiring layer.

be engaged with each other. Furthermore, in the upper wiring layer 21, the CONSTITUTION: A lower wiring layer 20 and an upper wiring layer 21 are film 11. In the lower wiring layer 20 and the upper wiring layer 21, the layer 20. Charge is stored in these three planes, so that a capacitor of this formed on a board 10 through the intermediary of an interlayer insulating electrodes A and B are so arrange as to enable their comb-toothed parts to comb-toothed parts of the electrodes are arranged in AB, AB order, and in in BA, BA order. Therefore, the electrode A of the lower wiring layer 20 confronts the electrode B of the lower wiring layer 21, and the electrode B of the lower wiring layer 21 confronts the electrode A of the lower wiring the lower wiring layer 20, the comb-toothed parts of the electrodes are arranged design can be enhanced in electrode area



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(54) MANUFACTURE OF SEMICONDUCTOR DEVICE (43) 24.9.1992

(22) 23.2.1991 (21) Appl. No. 3-50756

(11) 4-268757 (A)

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Int. CI⁵. H01L27/04,H01L27/108

